

Lanzar® OPTIDRIVE

Lanzar® OPTIDRIVE OPTIMC90

USER'S MANUAL

700 WATT MOTORCYCLE/ATV/SNOWMOBILE MOUNT 4 CHANNEL AMPLIFIER
W/DUAL HANDLEBAR MOUNT ALUMINUM DIECAST WEATHERPROOF
SPEAKERS W/MP3/IPOD INPUT & USB CHARGER



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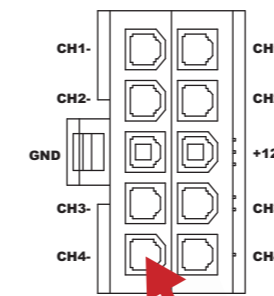
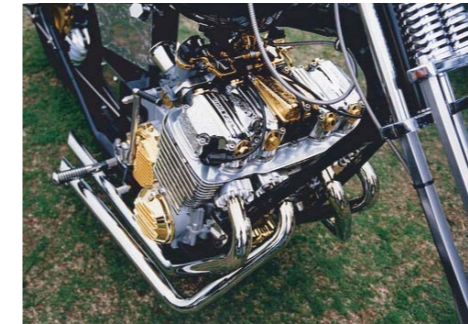
Congratulations on your purchase of this *Lanzar* OPTIDRIVE Series premier amplified speaker system. Like all *Lanzar* products, this motorcycle system has been thoroughly tested to ensure consistent, reliable performance under some rigorous conditions. Our systems were designed to with stand water, moisture, heat, and direct sun exposure. We pride ourselves in customer satisfaction. If you should have any questions regarding the installation and/or operation of your *Lanzar* OPTIDRIVE Series motorcycle speaker system, which is not covered in this manual, please contact your *Lanzar* Dealer or *Lanzar* Technical Support.

What is Included?

Upon un-packing your new *Lanzar* OPTIDRIVE Series audio system, please check to ensure you have all the included parts.

Part # with Image	OPTIMC90	Part # with Image	OPTIMC90
#1 	(1) Pair of 350 Watt Stereo Chrome Speaker Enclosures with Speaker Wires	#9 	(1) 12 Volt Direct Plug, for Compatible Motorcycles
#2 	(1) Pair of Handlebar Speaker Enclosure "P" Shape Clamp	#10 	(1) USB Charger/ Power Source
#3 	(1) Pair of Handlebar Music Source Mount "Z" Shape Clamp	#11 	(1) Adjustable Rotary Volume Control 3.5 mm Interface
#4 	(1) Micro Stereo 4CH Amplifier (350 Watts x 2 Max Output Power)	#12 	(1) Black Industrial Velcro Adhesive Strips
#5 	(1) Universal chrome Handlebar Mp3/Audio Mounf with (2) Black Industrial Velcro	#13 	(6) Black Wire Tie Lockable Straps
#6 	(1) Amplifier 12 Volt (-) Ground Blue Spade Terminal	#14 	(2) Screws for Speaker
#7 	(1) Amplifier 12 Volt (+) Blue Male Terminal Connector	#15 	(1) Screw, Washer and Nut for Amplifier
#8 	(1) Universal 12 Volt Wire Harness Connection		

Installation Instructions:



Specifications:

OPTIMC90

- 3" motorcycle speaker
- Frequency Response: 220Hz-21KHZ
- KAPTON voice coil
- 4 ohm Impedance
- SPL: 85 dB (1W/1M)
- Aluminum with shiny chromed Speaker housing, Dimensions: 3.25"(W)x3.25"(H)x4.375"(L)
- Micro amplifier with harness & universal mount included, Amp dimension: 3.5"(W)x1.375"(H)x3"(L)
- USB charge included, Dimensions: 2.5"(W)x1.75"(H)x1.5"(L)
- Radio/MP3 Mount Dimensions: 3.5"(L)x0.625"(W)x3.125"(H)

- Step #1:** Install "P" shaped clamp (Item #2)/"Z" shaped clamp (Item #3) threaded on to the bottom of each speaker enclosure (Item #1). Use the provided bolts (item #14).
- Step #2:** Bolt each speaker with its mount to the handlebar of the vehicle. Hardware included will allow for mounting on to 1" diameter and smaller handlebars. Project each speaker at desired listening level, for best performance.
- Step #3:** Secure speaker wires either through handlebars for a custom look, or use (Item #13) wire ties to secure to the handlebars.
- Step #4:** Bolt the rotary volume control (Item #11) to the handlebars using the vehicle provided hardware. Then run 3.5 mm connection down to desired amplifier location. Use (Item #13) wire ties to secure to the handlebars. Have 3.5 mm male connection close to mount.

The Connector that comes pre-installed on the amplifier wire harness (Item #8) was designed to allow for direct plug-in for most American Motorcycles (Item #9). If mounting on a metric or universal vehicle, this harness will not be used, and replaced with the terminals/connectors provided in the enclosed parts bag according to the installation instructions (Items #6, #7, & #8). Follow wire instructions as shown in Diagram A Be sure to match the proper polarity for all connections. The polarity for the speaker terminals solid color wire (+), wire with stripe (-). Blue wire 12 Volt Positive (+) terminal trigger wire. Black wire 12 Volt (-) Ground to chassis of vehicle.

- Step #5:** Bolt the Universal Handlebar MP3/Audio Mount (Item #5) using provided black industrial velcro adhesive strips (Item #12). Remove bolt from existing switch housing on motorcycle and secure to bracket.
- Step #6:** Bolt the USB Charger/ Power Source (Item #10) using vehicle provided hardware. This wire should be connected 12 Volt power source.
- Step #7:** Run wires up to neck area of motorcycle and plug into harness. Use (Item #13) wire ties to the frame.
- Step #8:** Bolt amplifier on Motorcycle with provided Bolt (item #15). Best if mounted directly to frame out of reach from direct heat or crash bar.
- Step #9:** Attach Velcro strips (Item #12) one side to our Universal Bracket (Item #5) the other to your MP3 player/ audio source.
- Step #10:** Connect 3.5mm male connection into Audio device, and opposite side into Micro Amplifier